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DIALOG(R) File 351:Derwent WPI  
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Method for manufacturing cement roofing used in civil construction,  
involves adding micro silica which has predetermined density, along with  
volcanic ash, water and cement to fiber material

Patent Assignee: ELKEM AS (ELRO ); ELKEM ASA (ELRO )

Inventor: DANIELSSEN T; UNDERWOOD W S; WILSON S R; YAMAMOTO K

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
NO 9901129	A	20000911	NO 991129	A	19990308	200059 B
JP 2001002458	A	20010109	JP 99218835	A	19990802	200120
NO 312717	B1	20020624	NO 991129	A	19990308	200248

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19990802

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
NO 9901129	A			C04B-028/02	
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NO 312717	B1			C04B-028/02	Previous Publ. patent NO 9901129

Abstract (Basic): JP 2001002458 A

NOVELTY - A fiber substance is obtained from a mixture of cement,  
water, and fiber material which does not contain asbestos. Micro silica  
and volcanic ash are added. The micro silica has bulk density of 425 -  
550 kg/m3.

USE - The cement roofing is used in civil construction.

ADVANTAGE - Bending strength and other characteristics are improved  
by adding micro silica to fiber material.

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Derwent Class: L02

International Patent Class (Main): C04B-028/02

International Patent Class (Additional): C04B-014/38; C04B-016/06;  
C04B-018/14; C04B-111-12; C04B-014-04; C04B-014-14; C04B-014-38;  
C04B-016-02; C04B-028/02

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